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Complete if Known Substitute for form 1449/PTO **Application Number** Not Yet Assigned Filing Date January 5, 2005 INFORMATION DISCLOSURE First Named Inventor Hirohisa TANAKA STATEMENT BY APPLICANT Art Unit Not Yet Assigned (Use as many sheets as necessary) **Examiner Name** Not Yet Assigned 71465.00010 of 2 Attomey Docket Number Sheet 1

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
		Number-Kind Code <sup>2 (# known)</sup>			Figures Appear
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Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	-6
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (# known)	MM-DD-YYYY		Or Relevant Figures Appear	
TV		JP 2000-15097	01-18-2000	Toyota Motor	Abstract	~
TV		JP 07-080311	03-28-1995	Daihatsu Motor	Abstract	V
TV		JP 05-31367	02-09-1993	Daihatsu Motor		4
TV		JP 61-191518	08-26-1986	Nippon Soda	Abstract	
TV		JP 2000-143251	05-23-2000	Mitsubishi	Abstract	1
TV		JP 06-100319	04-12-1994	Toyota Central	Abstract	V

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Translation is attached.

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Attorney Docket Number 71465.00010 Sheet 2 of 2

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	<u> </u>	Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>8</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T⁵
TV		JP 08-217461	08-27-1996	Daihatsu/Hokko	Abstract	V
TV		JP 61-232217	10-16-1986	NIRIM / Nippon	Abstract	
TV		JP 03-068451	03-25-1991	Toyota Motor	Abstract	
TV		JP 2000-42368	02-15-2000	Nissan Motor	Abstract	V
TV		JP 07-68175	03-14-1995	Daihatsu Motor	Abstract	4
TV		EP 0525677	02-03-1993	Daihatsu Motor		V

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Signature	/Timothy Vanoy/	Considered	10/24/2006
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Examiner Signature /Timothy Vanoy/

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Complete if Known Substitute for form 1449/PTO Application Number 10/520,068 Filing Date January 5, 2005 INFORMATION DISCLOSURE First Named Inventor Hirohisa TANAKA STATEMENT BY APPLICANT 1754 (Use as many sheets as necessary) Examiner Name Steven J. BOS 71465.0010 Attorney Docket Number

			U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No.	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
TV		<sup>US-</sup> 5,439,865	08-08-1995	Abe et al.	
TV		<sup>US-</sup> 6,602,479	08-05-2003	Taniguchi et al.	
TV		<sup>US-</sup> 5,990,038	11-23-1999	Suga et al.	
TV		<sup>US-</sup> 5,462,907	10-31-1995	Farrauto et al.	
TV	1	<sup>US-</sup> 5,814,576	09-29-1998	Yamamoto	
TV		US- 5,491,120	02-13-1996	Voss et al.	
TV		<sup>US-</sup> 5,212,142	05-18-1993	Dettling	
TV		<sup>US-</sup> 5,139,992	08-18-1992	Tauster et al.	
TV		<sup>US-</sup> 5,254,519	10-19-1993	Wan et al	
TV		<sup>US-</sup> 5,837,642	11-17-1998	Tanaka et al.	
TV		<sup>US-</sup> 5,849,659	12-15-1998	Tanaka et al.	•
TV		<sup>US-</sup> 6,464,946	10-15-2002	Yamada et al,	
TV		<sup>US-</sup> 6,682,706	01-27-2004	Yamamoto et al.	
TV		<sup>US-</sup> 6,808,687	10-26-2004	Uenishi et al.	
TV		<sup>US-</sup> 6,881,384	04-19-2005	Uenishi et al.	
TV		<sup>US-</sup> 6,261,989	07-17-2001	Tanaka et al.	
TV		<sup>US-</sup> 6,864,214	03-08-2005	Uenishi et al.	
TV		<sup>US-</sup> 6,576,200	06-10-2003	Yamamoto et al.	
TV		<sup>US-</sup> 6,620,762	09-16-2003	Tan et al.	

Examiner	Cite	Foreign Patent Document	GN PATENT DOCU	Name of Patentee or	Pages, Columns, Lines,	$\overline{}$
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Complete if Known Substitute for form 1449/PTO Application Number 10/520,068 Filing Date January 5, 2005 INFORMATION DISCLOSURE First Named Inventor Hirohisa TANAKA STATEMENT BY APPLICANT Art Unit 1754 (Use as many sheets as necessary) Examiner Name Steven J. BOS 71465.0010 Attorney Docket Number Sheet 2

			U. S. PATEN	DOCUMENTS	
Examiner nitials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (d known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
TV		<sup>US-</sup> 5,622,680	04-22-1997	Monceaux et al.	
TV		<sup>US-</sup> 4,200,554	04-29-1980	Lauder et al.	
TV		<sup>US-</sup> 4,182,694	01-08-1980	Lauder et al.	
TV		<sup>US-</sup> 5,447,705	09-05-1995	Petit et al.	
TV		<sup>US-</sup> 6,033,632	03-07-2000	Schwartz et al.	
TV		<sup>US-</sup> 6,569,803	05-27-2003	Takeuchi	
TV		<sup>US-</sup> 6,800,388	10-05-2004	Kaneko et al.	
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Substitute for form 1449/PTO

Sheet 1

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	10/520,068			
Filing Date	January 5, 2005			
First Named Inventor	Hirohisa TANAKA			
Art Unit	1754			
Examiner Name	Steven J. BOS			
Attorney Docket Number	71465 0010			

U. S. PATENT DOCUMENTS					
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TV	<u> </u>	<sup>US-</sup> 5,380,692	01-10-1995	Nakatsuji et al.	
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		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T°	
TV		JPH08-217461	08-27-1996	Daihatsu Motor Co., Ltd.	<u>'</u>	✓	
TV	İ	JPH05-076762	03-30-1993	Sakai Chem Ind Co. Ltd.		V	
TV	<u> </u>	JPH03-186346	08-14-1991	Daihatsu Motor Co., Ltd.		✓	
TV	1	JP 63-302950	12-09-1988	Nissan Motor Co., Ltd.		Y	
TV		JP H07-116519	05-09-1995	Toyota Central Res & Dev		✓	
עיד		JP H02-265648	10-30-1990	Nissan Motor Co., Ltd.	·	Z	

Examiner Signature	/Timothy Vanoy/	Date Considered	10/24/2006

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Sheet	2_	of 5		Attorney Docket Number 71465.	0010
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TV		JP H06-304449	11-01-1994	Toyota Central Res & Dev		✓
TV		JP 60-025544	02-08-1985	Toyota Motor Corp.		V
TV		JP 62-241552	10-22-1987	Cataler Ind. Co.		✓
TV		JP H08-224446	09-03-1996	Daihatsu Motor Co., Ltd.		V
TV		JP H07-299360	11-14-1995	Cataler Kogyo KK		✓
TV	1	JP H05-253484	10-05-1993	Daihatsu Motor Co., Ltd.		$\mathbf{Z}$

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Art Unit	1754		
Examiner Name	Steven J. BOS		
Attament Dooket Number	71465 0010		

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		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	F
TV		JP H06-210175	08-02-1994	Daihatsu Motor Co., Ltd.		$\checkmark$
TV		JP H11-207183	08-03-1999	Daihatsu Motor Co., Ltd.		Y
TV		JP 2000-256017	09-19-2000	Nissan Motor Co., Ltd.		✓
TV		JP H05-245372	09-24-1993	Sekiyu Sangyo Kasseika		$\mathbf{\Lambda}$
TV		JP H11-057471	03-02-1999	Toyota Motor Corp.		✓
TV		JP 2001-224963	08-21-2001	Nissan Motor		$\checkmark$

Examiner Signature	/Timothy Vanoy/	Date Considered	10/24/2006

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Translation is attached.

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Sheet 4

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Col	mplete if Known	
Application Number	10/520,068	
Filing Date	January 5, 2005	
First Named Inventor	Hirohisa TANAKA	
Art Unit	1754	
Examiner Name	Steven J. BOS	
Attorney Docket Number	71465 0010	

	CHA	Degrapant Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Examiner Initials*	Cite No.1	Document Number	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
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		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>3</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	L
TV		JP H07-308578	11-28-1995	Daihatsu Motor Co., Ltd.		⊻
TV		JP 51-91890	08-12-1976	<unavailable></unavailable>		L
TV		WO 2004/004899	01-15-2004	Daihatsu Motor Co., Ltd.		L
TV		JP H11-262663	09-28-1999	Toyota Motor Corp.		V
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Examiner Signature	/Timothy Vanoy/	Date Considered	10/24/2006

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Supsulu	(8 101 10111) 1443/F 1 O			Application Number	10/520,068	
INF	ORMATION	DIS	CLOSURE	Filing Date	January 5, 2005	
STA	STATEMENT BY APPLICANT			First Named Inventor	Hirohisa TANAKA	
	(Use as many sheets as necessary)			Art Unit	1754	
				Examiner Name	Steven J. BOS	
Sheet	5	of	5	Attorney Docket Number	71465.0010	

	·	NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
TV		HIROHISA TANAKA et al., "An Intelligent Catalyst", Society of Automotive Engineers, 01-2001-1301	
TV		NOLVEN GUILHAUME et al., "Three-Way Catalytic Activity and Oxygen Storage Capacity of Perovskite" 1997, page 197-204, volume 165, article number CA971481	
TV		NOBUHIKO KAJITA et al., "Regeneration of Precious Metals in Various Designed Intelligent Perovskite Catalysts", Society of Automotive Engineers, 2002-01-0735	
TV .		HIROHISA TANAKA et al., "Regeneration of Palladium", Topics in Catalysis, Volumes 16/17, Nos. 1-4, 2001	
TV		T. MOTOHIRO et al., "Time-resolved Time-of-flight Mass Spectrometry" (I), Applied Surface Science 121/122 (1997) 319-322	
TV		T. MOTOHIRO et al., "Time-resolved Time-of-flight Mass Spectrometry" (II), Applied Surface Science 121/122 (1997) 323-326	
TV		HIROHISA TANAKA et al. "Perovskite Shokubai eno Kikinzou Tanji Koka" Shokubai Toronkai Toronkai A Yokoshu, vol. 88, 2001, page 112	
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Signature   / = === 7 /   Considered	Examiner Signature	/Timothy Vanoy/	Date Considered	10/24/2006
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Sheet 1

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First Named Inventor	Hirohisa TANAKA			
Art Unit	1754			
Examiner Name	Steven J. BOS			
Attorney Docket Number	71465 0010			

			U. S. PATENT D	OCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan
		Number-Kind Code <sup>2 (F known)</sup>			Figures Appear
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TV		JP H05-509033	12-16-1993	Specialities in Tech	Biographic Data
TV		JP H05-220395	08-31-1993	Daihatsu Motor CO LTD	
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Examiner Signature	/Timothy Vanoy/	Date Considered	10/24/2006

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Filing Date	January 5, 2005		
First Named Inventor	Hirohisa TANAKA		
Art Unit	1754		
Examiner Name	Steven J. BOS		
Attorney Docket Number 71465,0010			

				DOCUMENTS  Name of Patentee or	Pages, Columns, Lines, Where
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant
	<u> </u>	Number-Kind Code <sup>2</sup> (* known)			Figures Appear
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